

## Floods Caused by Tropical Systems: South Branch Raritan River at Stanton

Latitude: 40.573

Flood Stage: 8 ft

Period of Record: 1903-Present

Last Flood: 5/1/2014

Longitude: -74.868

Number of Floods: 103

Date of Crest	Crest (ft)	Streamflow (cfs)	Remarks
8/19/1955	15.22	18,000	Hurricane Diane made landfall 5 days after Hurricane Connie. Hurricane Diane produced several inches of rain with locally heavier amounts of 10 to 20 inches.
9/16/1999	13.90	14,800	Hurricane Floyd produced heavy rainfall from Virginia to Long Island. Rainfall totals ranged from 12 inches in Delaware to 16.57 inches in Newport News, Virginia. Two dams burst in New Jersey and several flood records were broken in New Jersey.
8/28/2011	13.61	14,100	Hurricane Irene brought heavy rains and flooding 26-28 August 2011. Area averaged rainfall from gauge and radar data indicated a broad swath of 3 to 10 inches with over 13" at a couple of spots.
9/8/2011	11.98	10,600	The remnants of tropical storm (TS) Lee moved up the Appalachian Mountains and interacted with a quasi-stationary east-west frontal boundary. 10 to 15 inches fell at numerous locations in Central PA and NY.
9/21/1938	10.72	8,130	The Long Island Express Hurricane produced more than 5 inches of rain in New Jersey, New York and other parts of the Northeast. Major flooding occurred across New York, New Jersey and Pennsylvania.
8/23/1933	10.46	7,640	A strong Category 1 storm, the Chesapeake-Potomac Hurricane brought more than 10 inches of rain to Maryland, Delaware and Southern New Jersey. Other locations throughout the Mid-Atlantic measured more than 4 inches of rain.
8/13/1955	10.29	7,330	Hurricane Connie produced 4 to 8 inches of rainfall across the Mid-Atlantic region, with locally heavier amounts exceeding 10 inches.

Drainage Area: 147 sq mi

Gage Datum: 125.01 ft MSL

Tropical information before 1940 is limited.

Raritan Basin

County of Gage: Hunterdon

County of Forecast Point: Hunterdon

Created 5/22/2016 10:16:04 AM

Date of Crest	Crest (ft)	Streamflow (cfs)	Remarks
6/22/1972	10.25	7,260	Hurricane Agnes made landfall again over southeastern New York on June 22 and moved westward into Pennsylvania. Rainfall totals from June 20-25 range from 2-3 inches in the Upper Potomac to 18 inches near Shamokin, Pennsylvania.
8/28/1971	9.99	6,820	Tropical Storm Doria dumped 3 to 7 inches of rain across the region. Localized rainfall amounts of 8 to 10 inches were reported in the Tidewater area, Eastern NJ and Eastern PA.
9/7/2011	9.25	5,590	The remnants of tropical storm (TS) Lee moved up the Appalachian Mountains and interacted with a quasi-stationary east-west frontal boundary. 10 to 15 inches fell at numerous locations in Central PA and NY.
10/1/2010	8.79	4,930	Tropical moisture ahead of a north-south frontal boundary interacted with the remnants of tropical storm Nicole to produce heavy rainfall throughout the Mid-Atlantic. Rainfall amounts of 4"-5" were common, with locally heavier amounts of up to 10".
9/12/1960	8.12	4,100	Hurricane Donna made its second landfall near Wilmington, NC as a Category 3 hurricane. It produced 6 to 8 inches of rain in Eastern Virginia and caused 3 fatalities.
11/3/1927	8.10	3,840	Remnants of unnamed tropical system moving northward off the eastern seaboard.
9/29/2004	8.10	4,080	Hurricane Jeanne stalled a cold front and supplied the front with much-needed moisture. As a result, 1-day rainfall totals ranged from 1 - 6 inches throughout the Mid-Atlantic region.

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